

Safety Data Sheet according to Regulation (EU) No. 1907/2006

FROWEIN GmbH & Co. KG

Revision date : 24.09.2008

Revision no. : 1,02

SchwabEX-gel (200-g-Dose)

00434-0018

1. Identification of the substance/preparation and of the company/undertaking**Identification of the substance or preparation**

SchwabEX-gel (200-g-Dose)

Use of the substance/preparation

Pesticide

Company/undertaking identification

FROWEIN GmbH & Co. KG

Am Reislebach 83

D-72461 Albstadt

Telephone ++49 (0) 74 32-956 - 0

Telefax ++49 (0) 74 32-956 - 138

Contact person

Inquiry office

Responsible for the safety data sheet: sds@gbk-ingelheim.de

2. Hazards identification**Classification**

R-phrases :

Extremely flammable.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition/information on ingredients**Chemical characterization** (preparation)

Insecticide gel bait

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
200-827-9	74-98-6	Propane	< 5 %	F+ R12
203-448-7	106-97-8	Butane	< 5 %	F+ R12
204-524-2	122-14-5	Fenitrothion (ISO)	0,8 %	Xn, N R22-50-53

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures**General information**

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

After inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

In the event of symptoms refer for medical treatment.

After contact with skin

Wash off immediately with plenty of water and soap for at least 15 minutes.

Consult a physician.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Consult (eye) doctor immediately.

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After ingestion

Summon a doctor immediately.

Immediately give plenty of water (if possible charcoal slurry).

Induce vomiting only upon the advice of a physician.

5. Fire-fighting measures

Suitable extinguishing media

Foam, carbon dioxide (CO₂), dry chemical, water-spray.

Extinguishing media which must not be used for safety reasons

Full water jet

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

Fire may produce:

Irritant/corrosive, flammable as well as toxic distillation gases (carbonization gases).

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit.

Additional information

Do not release chemically contaminated water into drains, soil or surface waters. Sufficient measures must be taken to retain water used for extinguishing.

Cool containers at risk with water spray jet.

Heating will cause pressure rise with risk of bursting.

6. Accidental release measures

Personal precautions

In case of vapour formation use respirator.

Ensure adequate ventilation.

Remove persons to safety.

Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Shovel into suitable container for disposal.

Additional information

Clean contaminated surface thoroughly.

7. Handling and storage

Handling

Advice on safe handling

Keep container tightly closed.

Vapours are heavier than air and spread along ground.

Avoid contact with the skin and the eyes.

In case of insufficient ventilation, especially in confined areas.

Advice on protection against fire and explosion

Heating will cause pressure rise with risk of bursting.

Storage

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Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.

Advice on storage compatibility

Incompatible with strong bases and oxidizing agents.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

Storageclass (VCI)

2 B

8. Exposure controls/personal protection**Exposure limit values****Exposure limits (EH40)**

CAS-No.	Chemical name	ml/m³	mg/m³	F/ml	Category	Origin
106-97-8	Butane	600	1450		TWA (8 h)	WEL
	Butane	750	1810		STEL (15 min)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL
	Glycerol, mist	-	-		STEL (15 min)	WEL

Exposure controls**Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Take off immediately all contaminated clothing.

Avoid contact with skin, eyes and clothing.

Respiratory protection

No personal respiratory protective equipment normally required.

Hand protection

Use multipurpose protective gloves (plant protection) when spreading/handling the product.

Eye protection

Eye wash bottle with pure water.

Tightly fitting goggles

Skin protection

Wear standard protective suit (plant protection) when spreading/handling the product. Rubber apron

9. Physical and chemical properties**General information**

Physical state	Pasty
Colour	Yellowish
Odour	Soft

Important health, safety and environmental information

Test method

Changes in the physical state

Flash point n.d.

Flammability

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Lower explosion limits	1,5 vol. %	*)
Upper explosion limits	9,5 vol. %	*)
Ignition temperature	n.d.	
Water solubility : at (20 °C)	n.d.	
*) Propellant		

10. Stability and reactivity**Conditions to avoid**

To avoid thermal decomposition, do not overheat.

Heating will cause pressure rise with risk of bursting.

Materials to avoid

Oxidizing agents., Strong bases.

Hazardous decomposition products

Irritant/corrosive, flammable as well as toxic distillation gases (carbonization gases).

Additional information

No decomposition if stored and applied as directed.

11. Toxicological information**Empirical data on effects on humans**

Contact with eyes, skin or oral tissues may cause irritation.

12. Ecological information**Further information**

Do not flush into surface water or sanitary sewer system.

Hazard to waters

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. Disposal considerations**Advice on disposal**

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

Waste disposal number of waste from residues/unused products

200119 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); pesticides
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150111 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers
Classified as hazardous waste.

Contaminated packaging

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Re-using the polluted packaging materials is not allowed.
Contaminated packagings are to be treated like the product itself.

14. Transport information**Land transport (ADR/RID)**

ADR/RID class	2
Classification code :	5F
Hazard-no.	
UN number	1950
Hazard label	2.1
ADR/RID packing group	-
Limited quantity :	LQ 2

Description of the goods

AEROSOLS

Other applicable information (land transport)

LQ 2: combination packaging: 1 l / 30 kg (total gross mass); trays: 1 l / 20 kg (total gross mass).

Inland waterways transport**Marine transport**

IMDG code	2
UN number	1950
Marine pollutant	P
EmS	F-D; S-U
Limited quantity :	1 L / 30 kg
IMDG packing group	-
Hazard label	2.1

Description of the goods

AEROSOLS

Other applicable information (marine transport)

Limited quantities (chapter 3.4): combination packaging: 1 l / 30 kg (total gross mass); trays: 1 l / 20 kg (total gross mass)

Air transport

ICAO/IATA-DGR	2.1
UN/ID number	1950
Hazard label	2.1
IATA-packing instructions - Passenger	203
IATA-max. quantity - Passenger	75 kg
IATA-packing instructions - Cargo	203
IATA-max. quantity - Cargo	150 kg
ICAO packing group	-
Limited quantity Passenger	Y203 / 30 kg G

Description of the goods

AEROSOLS, FLAMMABLE

15. Regulatory information**Labelling**

According to EC-regulations the product is to be labelled as follows:

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R phrases

- 12 Extremely flammable.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

- 13 Keep away from food, drink and animal feedingstuffs.
60 This material and its container must be disposed of as hazardous waste.
61 Avoid release to the environment. Refer to special instructions / Safety data sheets.

Special labelling for certain preparations

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

4 % by mass of the contents are flammable.

National regulatory information

Employment restrictions Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.

Water contaminating class (D) 2 - water contaminating
1999/13/EC (VOC) < 5 %

16. Other information**Full text of R-phrases referred to under sections 2 and 3**

- 12 Extremely flammable.
22 Harmful if swallowed.
50 Very toxic to aquatic organisms.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
53 May cause long-term adverse effects in the aquatic environment.

Further Information

Weitere Informationen :

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

Changes

@N00.00000190 12, 15

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)